E

West

East

Eagle Creek 1

Awuna 1

Lisburne 1

West Kurupa 1

Knifeblade 1*

Knifeblade 2A*

East Kurupa 1

Big Bend 1

Grandstand 1*

Tulugak 1

Explanation

- Sagavanirktok Formation
- Colville Group
- Nanushuk Group
- Torok Formation
- Fortress Moutain Formation
- Hue Shale
- Gamma-ray zone
- Pebble shale unit
- Kemik Sandstone
- L. Cretaceous unconformity (Kingak Shale)
- Simpson sand (top)
- Simpson sand (bottom)
- Barrow sand (top)
- Barrow sand (bottom)
- Sag River Sandstone
- Shublik Formation
- Fire Creek Siltstone Member
- Ledge Sandstone Member
- Kavik Member
- Echooka Formation
- Lisburne Group
- Endicott Group
- Basement
- Total depth of well

Feet

0

1000

2000

3000

Explanation

- Oil recovered in drill stem test
- Trace oil in drill stem test
- Oil "bleeding" from core
- Stain—Good
- Stain—Fair
- Oil show
- Oil show—Slight
- Visible oil cut
- Fluorescence—Bright, Cut fluorescence—Strong
- Fluorescence—Medium, Cut fluorescence—Fair
- Fluorescence—Dull, Cut fluorescence—Weak
- Dead oil (bitumen, solid hydrocarbon)
- Gas recovered in drill stem test
- Trace gas in drill stem test
- Gas "bleeding" from core
- Gas show
- Gas show—Slight
- Ethane (C_2) concentration >2,000 ppm
- Methane (C_1) concentration >20,000 ppm

West to east cross section E. See Table 1 for the source of the data and Table 2 for a summary of the types and number of shows for each well. Table 3 provides links to the data and plots for each well. The asterisk (*) indicates U.S. Navy wells; for these wells, no data exists for methane (C_1) and ethane (C_2) concentrations (see text).